

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
10275-094001Application No.
09/849,657**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR 1.98(b))

Applicant
Harry Meade et al.Filing Date
May 4, 2001Group Art Unit
1632**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
gt	AA	5,654,270	8/5/97	Ruoslahti et al.			
↓	AB	6,046,162	4/4/00	Ruoslahti et al.			
	AC						
	AD						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AE							
	AF							
	AG							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
gt	AH	Wall, R.J., "Transgenic livestock: Progress and prospects for the future." <i>Theriogenology</i> . Vol. 45, pp. 57-68 (June 1996).
gt	AI	Mullins et al., "Perspectives Series: Molecular medicine in genetically engineered animals." <i>J. Clin. Invest.</i> , Vol. 98, No. 11, pp. S37-S40 (December 1996).
	AJ	
	AK	

Examiner Signature

Joan H

Date Considered

1/28/05

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	09/849,657
		Filing Date	05/04/2001
		First Named Inventor	Harry Meade
		Art Unit	1646 1632
		Examiner Name	Joanne Hama
Sheet 2	of 2	Attorney Docket Number	GTC-21

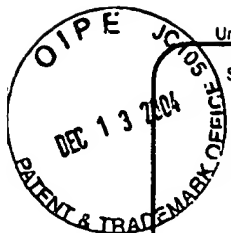
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JH		Isaka et al., "Gene therapy by skeletal muscle expression of decorin prevents fibrotic disease in rat kidney", Nature Medicine, Vol 2, pgs. 418-423 (1996)	
		Ko et al., "Production of biologically active human granulocyte colony stimulating factor in the milk of transgenic goat", Transgenic Research, 9: pgs. 215-222 (2000)	
		Moscattello et al., Decorin Suppresses Tomor Cell Growth by Activating the Epidermanl Growth Factor Receptor", J. Clin. Invest., Vol 101, pgs. 406-412 (1998)	
		Ruoslahti, E., "Structure and Bilogy of Proteoglycans", Ann. Rep. Cell Biol., 4, pgs. 229-255 (1988)	
		Stromqvist et al., "Recombinant human bile salt-stimulated lipase: an example of defective O-glycosylation of a protein produced in milk of transgenic mice", Transgenic Research, 5, pgs. 475-485 (1996)	

Examiner Signature	Joanne Hama	Date Considered	1/28/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 12

Complete if Known

Application Number	09/849,657
Filing Date	05/04/2001
First Named Inventor	Harry Meade
Art Unit	1646 1632
Examiner Name	Joanne Hama
Attorney Docket Number	GTC-21

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JH		US- 4,407,956	10-04-1983	Howell	
		US- 4,485,040	11-27-1984	Roger et al.	
		US- 4,644,056	02-17-1987	Kothe et al.	
		US- 4,897,465	01-30-1990	Cordle et al.	
		US- 5,096,815	03-17-1992	Ladner et al.	
		US- 5,198,346	03-30-1993	Ladner et al.	
		US- 5,223,409	06-29-1993	Ladner et al.	
		US- 5,283,184	02-01-1994	Jorgensen et al.	
		US- 5,482,852	01-09-1996	Yoder et al.	
		US- 5,523,226	06-04-1996	Wheeler	
		US- 5,573,933	11-12-1996	Seamark et al.	
		US- 5,741,957	04-21-1998	Deboer et al.	
		US- 5,843,705	12-01-1998	DiTullio et al.	
		US- 6,268,487	07-31-2001	Kutzko et al.	
		US-			
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
JH		WO 88/06630	09-07-1988	Genex Corp		
		WO 90/02809	03-22-1990	Protein Eng Cor		
		WO 90/06767	06-28-1990	Jolla Cancer		
		WO 92/09690	06-11-1992	Genentech Inc.		
		WO 93/25071	12-23-1993	DNX Corp		
		WO 94/19935	09-15-1994	Genzyme Corp		

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First Named Inventor	Harry Meade
Art Unit	1846 1632
Examiner Name	Joanne Hanna
Attorney Docket Number	GTC-21

Sheet 2

of 12

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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		Country Code ² Number ³ Kind Code ⁴ (if known)				
JH ↓		WO 94/23046	10-13-1994	US Health	1	
		WO 95/04744	02-16-1995	DNX Corp	1	
		WO 95/22258	08-24-1995	Nuijens	1	
		WO 97/07669	03-06-1997	Campbell	1	
		WO 98/30683	07-16-1998	Univ Mass	1	

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Sheet	3	of	12
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gjt						
gjt		EP 467482	01-22-1992	Ver Coop Melkin		
↓		EP 693554	01-24-1996	Mass General		
		FR 2487642	02-05-1982	Bel Fromageries		
↓		GB 2179947	03-18-1987	Roussel-Uclaf		

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		Art Unit	1646-1632
		Examiner Name	Joanne Hama
Sheet 4	of 12	Attorney Docket Number GTC-21	

NON PATENT LITERATURE DOCUMENTS			
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gh		Adelman et al., DNA, 2: pg. 183-193 (1983)	
gh		Agterberg et al., Gene, 88: pgs. 37-45 (1990)	
		Alexander et al., Eur. J. Biochem., 178: pgs. 395-401 (1988)	
		Alexander et al., Nucleic Acids Res., 17: pg. 6739 (1989)	
		Altschul et al., J. Mol. Biol., 215: pgs. 403-410 (1990)	
		Altschul et al., Nucleic Acids Res., 25(17): pgs. 3389-3402 (1997)	
		Bader et al., Clinical and Experimental Pharmacology and Physiology, Supp. 3: S81-S87 (1996)	
		Barbas et al., PNAS, 89: pgs. 4457-4461 (1992)	
		Barrette ^{gh} et al., Anal. Biochem, 204: pgs. 357-364 (1992)	
✓		Binding, H., "Regeneration of Plants", Plant Protoplasts, CRC Press, Boca Raton, pgs. 21-37 (1985)	

Examiner Signature	<i>Joanne Hama</i>	Date Considered	1/28/05
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		First Named Inventor	Harry Meade
		Art Unit	1648-1632
		Examiner Name	Joanne Hama
Sheet 5	of 12	Attorney Docket Number	GTC-21

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gh		Brignon et al., FEBS Lett. 188: pgs. 48-54 (1985)	
		Campbell et al., Nucleic Acids Res., 12: pgs. 8685-8697 (1984)	
		Charbit et al., EMBO 5, pgs. 3029-3037 (1986)	
		Clackson et al., Nature, 352: pgs. 624-628 (1991)	
		Clark et al., Bio/Technology 7: pgs. 487-492 (1989)	
		Cull et al., PNAS USA, 89: pgs. 1865-1869 (1992)	
		Cunningham et al., Science, 244: pgs. 1081-1085 (1989)	
		Cwirla et al., PNAS, 87: pgs. 6378-6382 (1990)	
		Dale, P.J., "Protoplast Culture and Plant Regeneration of Cereals and Other Recalcitrant Crops", Protoplasts, Lecture Proceedings, pgs. 31-41 (1983)	
		Davey, M.R., "Recent Developments in the Culture and Regeneration of Plant Protoplasts", Protoplasts, Lecture Proceedings, pgs. 19-29 (1983)	

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gh		Devlin et al., Science, 249: pgs. 404-406 (1990)	
		DiTullio, Bio/Technology 10: pgs. 74-77 (1992)	
		Ebert et al., Bio/Technology, 12: pg. 699-702 (1994)	
		Evans et al., "Protoplasts Isolation and Culture", Handbook of Plant Cell Cultures, MacMillan Publishing Co., NY, 1: pgs. 124-176 (1983)	
		Feinberg et al., Anal. Bioc., 132: pgs. 6-13 (1983)	
		Fraley et al., Proc. Natl. Acad. Sci., USA, 80: pg. 4803-4807 (1983)	
		Fromm et al., Proc. Natl. Acad. Sci., USA, 82: pg. 5824-5828 (1985)	
		Fuchs et al., Bio/Technology, 9: pgs. 1369-1372 (1991)	
		Gallop et al., J. Med. Chem., 37(9): pgs. 1233-1251 (1994)	
✓		Ganderton et al., Drug Delivery to the Respiratory Tract, Ellis Horwood (1987)	

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	Art Unit		1640-1632
	Examiner Name		Joanne Hama
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Sheet 7

of

12

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gh		Glossl, J., Biol. Chem., 259: pgs. 14144-14150 (1984)	
		Gonda, Critical Reviews in Therapeutic Drug Carrier Systems, 6: pgs. 273-313 (1990)	
		Gordon et al., Bio/Technology 5: pgs. 1183-1187 (1987)	
		Gorodetsky et al., Gene, 66: pgs. 87-96 (1988)	
		Gould et al., Proc. Natl. Acad. Sci., 86: pgs. 1934-1938 (1989)	
		Goward et al., TIBS, 18: pgs. 136-140 (1993)	
		Griffiths et al., EMBO J., 12: pgs. 725-734 (1993)	
		Grinnell J., Cell Biol., 124: pgs. 401-404 (1994)	
		Hall, Biochem. J., 242: pgs. 735-742 (1987)	
		Hansson et al., J. Bacteriol., 174: pgs. 4239-4245 (1992)	

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		Art Unit	1646-1632
		Examiner Name	Joanne Hama
Sheet 8	of 12	Attorney Docket Number	GTC-21

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JH		Harborne et al., Eds., The Flavonoids, Vols. 1 and 2, Acad. Press (1975)	
		Harlow et al., Antibodies, A Laboratory Manual, Cold Spring Harbor, New York (1988)	
		Herrmann et al., Methods Enzymology, 152: pgs. 180-183 (1987)	
		Hohn et al., Molecular Biology of Plant Tumors, Academic Press, NY, pgs. 549-560 (1982)	
		Horsch et al., "Inheritance of Functional Foreign Genes in Plants", Science, 233: pgs. 496-498 (1984)	
		Ike et al., Nucleic Acid Res., 11: pg. 477-488 (1983)	
		Itakura et al., Annu. Rev. Biochem., 53: pg. 323-356 (1984)	
		Itakura et al., Recombinant DNA, Proc 3rd Cleveland Sympos. on Macromolecules, ed. AG Walton, Amsterdam: Elsevier, pgs. 273-289 (1981)	
		Itakura et al., Science, 198: pg. 1056-1063 (1984) 1977 JH	

Examiner Signature	<i>Joanne Hama</i>	Date Considered	1/28/05
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	09/849,657
		Filing Date	05/04/2001
		First Named Inventor	Harry Meade
		Art Unit	1646 1632
		Examiner Name	Joanne Hama
Sheet 9	of 12	Attorney Docket Number	GTC-21

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GH		Ivanov et al., Biol. Chem., Hoppe-Seyler, 369: pgs. 425-429 (1988)	
		Jamieson et al., Gene, 61: pgs. 85-90 (1987).	
		Jones et al., J. Biol. Chem., 260: pgs. 7042-7050 (1985)	
		Karlin et al., Proc. Ntl. Acad. Sci. USA, 87: pgs. 2264-2268 (1990)	
		Karlin et al., Proc. Ntl. Acad. Sci. USA, 90: pgs. 5873-5877 (1993)	
		Klauser et al., EMBO J., 9: pgs. 1991-1999 (1990)	
		Klee et al., Annual Review of Plant Physiology, 38: pgs. 467-486 (1987)	
		Klein et al., Nature, 327: pgs 70-73 (1987)	
		Krusius et al., Proc. Ntl. Acad. Sci. USA, 83: p. 7683-7687 (1986)	

Examiner Signature	<i>Joanne Hama</i>	Date Considered	1/28/05
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	09/849,657
Filing Date	05/04/2001
First Named Inventor	Harry Meade
Art Unit	1646 1632
Examiner Name	Joanne Hana
Attorney Docket Number	GTC-21

Sheet 10 of 12

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GH		Lacy et al., A Laboratory Manual, Cold Springs Harbor, New York (1986)	
		Leung et al., Technique 1: pgs. 11-15 (1989)	
		Maniatis et al., Molecular Cloning, A Laboratory Manual, Cold Spring Harbor, New York (1983)	
		Marks et al., J. Biol. Chem., 267: pgs. 16007-16010 (1992)	
		Mercier et al., J. Dairy Sci., 76: pgs. 3079-3098 (1993)	
		Myers et al., Science, 229: pg. 242 (1985)	
		Narang, S., Tetrahedron 39: pg. 3-22 (1983)	
		Paszkowski et al., EMBO J., 3: pgs. 2717-2722 (1984)	

Examiner Signature	Joan Hana	Date Considered	1/28/05
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		Application Number	09/849,657
		Filing Date	05/04/2001
		First Named Inventor	Harry Meade
		Art Unit	1646 1639
		Examiner Name	Joanne Hama
Sheet 11 of 12	Attorney Docket Number		GTC-21

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GH		Pinkert, C., ed., Academic Press, Inc., Transgenic Animal Technology, A Handbook, (1994)	
		Raeburn et al., J. Pharmacol. Toxicol. Methods, 27: pgs 143-159 (1992)	
		Richards et al., J. Biol. Chem., 256: pgs. 526-532 (1981)	
		Roberts et al., PNAS, 89: pgs. 2429-2433 (1992)	
		Ruoslahti, E., Ann. Rev. Cell Biol., 4: pgs. 229-255 (1988)	
		Sambrook et al., Molecular Cloning: A Laboratory Manual, 2nd Ed., Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, (1989)	
		Schorr et al., Vaccines, 91: pgs. 387-392 (1991)	
		Scott et al., Science, 249: pgs. 386-390 (1990)	
		Selgrath et al., Theriogenology, pgs. 1195-1205 (1990)	
✓		Soulier et al., FEBS Letts., 297: pg. 13-18 (1992)	

Examiner Signature	<i>Joanne Hama</i>	Date Considered	1/28/05
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		Art Unit	1846 1632
		Examiner Name	Joanne Hama
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GH		Stewart, Nucleic Acids Res. 12: pg. 3895-3906 (1984)	
		Swaigood, H.E., Developments in Dairy Chemistry, I, Chemistry of Milk Protein, Applied Science Publishers, NY (1982)	
		Thiry et al., Appl. Environ. Microbiol., 55: pgs. 984-993 (1989)	
		Thomas, Proc. Natl. Acad. Sci., 77: pgs. 5201-5205 (1980)	
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		Wells et al., Gene, 34: pg. 315-323 (1985)	
		White et al., "Current Topics in Complement Research: 64th Forum in Immunology", pgs. 88-94 <i>year?</i>	
		Yu-Lee et al., J. Biol. Chem, 258: pgs 10794-10804 (1983)	
		<i>author?</i> Colowick, et al., Methods in Enzymology, Vol. 155, Recombinant DNA, Part F, pgs. 111-119, 131-139, 449-467, 501-527 (1987)	
✓		Crea et al., Proc. Natl. Acad. Sci., USA, 75: 5765-5769 (1978)	

Examiner Signature	<i>Joan L...</i>	Date Considered	1/28/05
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